Missouri Botanical Garden

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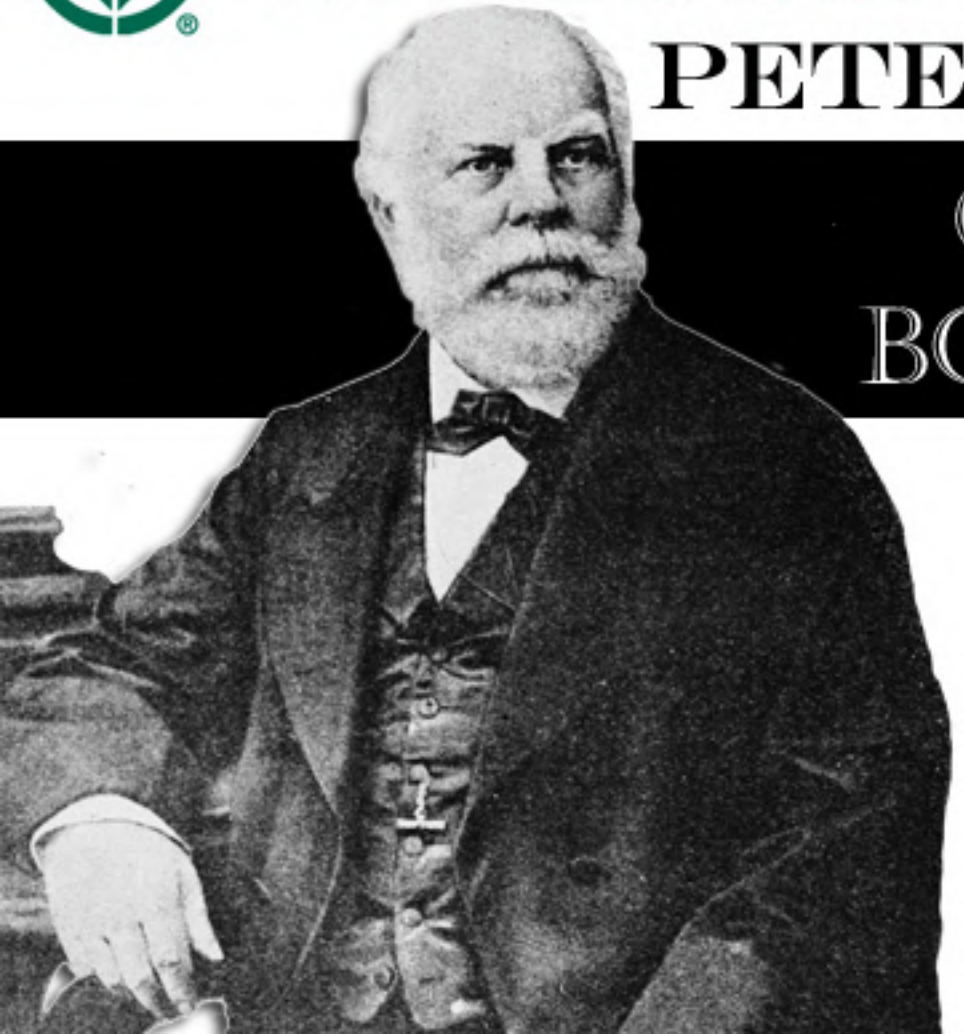
George Engelmann Botanical Notebooks



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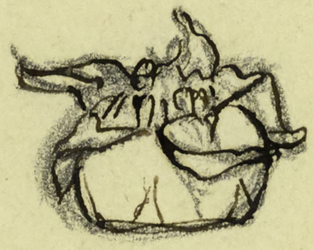

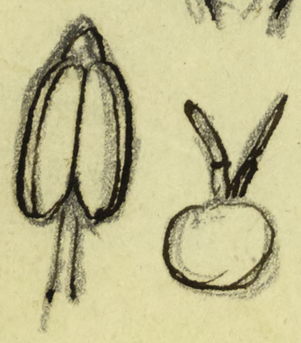

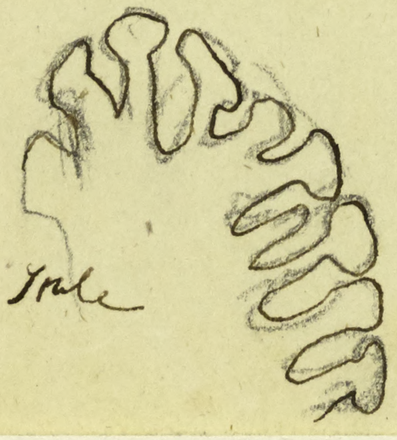

Cassuta

on Ulex Nanus, Portugal

= Herb reg Bot. Linkley

capillacea, glomeruli 3-paucis
(2-2½ cm = 1½ cm) pauciflorus
fl. similibus; galeae ad basin
fere 5 fid (rarius 4) lobis ovato
lanceolatis
antici tubum late cupulatum
ampliantibus; labium lanceo
latum tubo multo longius patulum;
stam. multo brevius; anthe
rae sagittatae apiculatae, filamento longius
sem obvolutae fere aequilongae; lin.
adnatus, semilatus; stylus vaix exsertus
bulbo longius; valvulae ad stigmata
cupula depressa; sem. semiglobosa
A very distinct species!

0 1 2 3 4 5 6 7 8 9 10
cm
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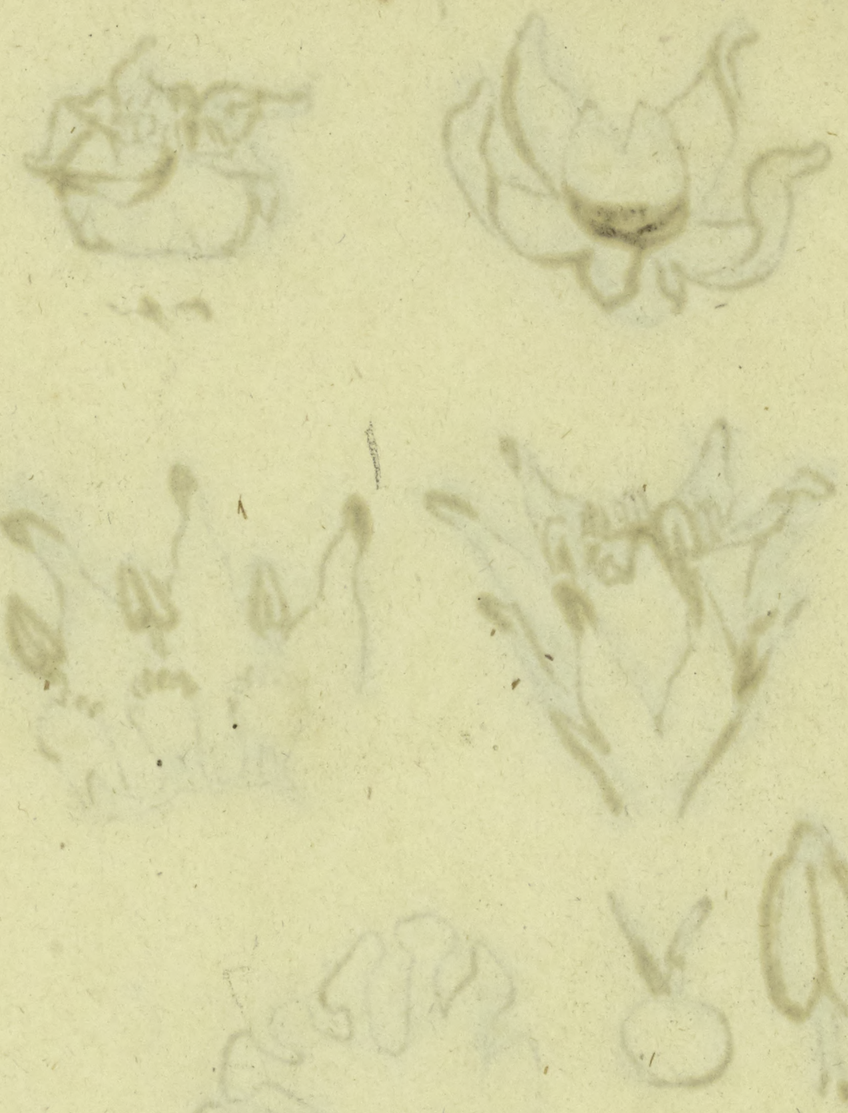

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154.6.

C. cuneiformis

nearly allied to the forms of
C alba, auct.
but the points of the leaves long and
scarcely twisted

the small pale flowers and
glomerules are remarkable

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Cuscuta approximata

Derbent, Caucasus,

Ht. New Hampshire Godet. July 1828.

calyx very large, almost inflated; the corolla deeply divided thick veined; lobes of Corolla as long as tube; obtuse —

Leaves plant from the Caspian is similar but calyx less deeply divided, more membranaceous

4401

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both flowers from the same glomerule

Cuscuta Europaea

Boiss & Heldr. in herb.

= uncinata Boiss Diag ser. II. v. 127

on Mt. Parnassus

on Spartium & Hypericum.

L. Guicciardi leg 1855

Ex herb reg. Berl.

This is a form of C. approximata with large heads, very crowded; ~~the earlier flowers~~ sessile of each glomerule with broad, large ovate rupestre imbricate lobes of calyx hide the middle; later, more crowded flowers are more attenuate at base, almost pedicellate; lobes of calyx lanceolate more deeply divided, rarely ~~if~~ or not overlapping, and more membranaceous; tube of

corolla elongated, longer the ovate obtuse lobes; petales - scales large, incurved. Styles & stamens slightly longer the ovary or capsule, unusually long.

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196

Griffith. 686, Affghanist.

stigma large, and ~~very~~ rough

Caiounta

Himalaya, on Rhodanthus
Hügel

Ex herb. Jussieu
& H Vi-306

Calyx lobes ~~lanceolate~~ to the middle — ovate obtusely cuspidate, with thickened apex; longer than tube of Corolla; ~~the~~ calyx of Corolla as long as tube ovate obtuse, slightly thickened at apex — anthers obovate oval, slightly tipped at point, filament twice as long — stigma large

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Kew Ag 1857 Alexander Griffith, Affghanistan 686

Ofis it to be this same plant, also on
Aledjago — but scales bifid! — Hk Hook

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207

Cucurbita planiflora Tau ?

a low herb, Polygonum etc.

Aegypten

Fischer

et Kurt Journami —

Vasi plant seems = C. appressicaulis

stylus = Calyx — — often 4 parted.

or rarer C. alba ?

Carla capillacea

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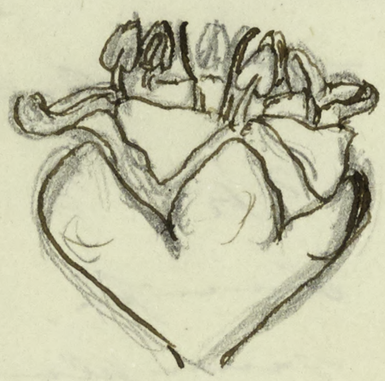
247

Paris Juin 1855

Pleurflor Pourflor

Cassuts Gr. Tenerife



Puerto Orotava Tenerife

9 mars 1855

H de la Perraudière

— H. Mus. Paris

ou sous Chrysanthem :

Caulibus striato convolutis capillacis glomeruli 6-10 floris ; calycibus ad unum fere, lobis bullatis, ovato triangulatis obtusiusculis, ~~calyce~~ tubo corollae aequilongo, laciniis corollae triangulatis petalis apice vix bullatis, staminibus paulo brevioribus, antheris ovato triangulatis, ~~filamento~~ aequilongis, ovario truncatis ; ~~ovariis~~ apice truncatis ; stylis

ad undr. stigmatosi, ovariis longioribus dein divisis;

This must be Wobbs C. Episoucha which approaches more nearly to C. planiflora proper, on acct of the ~~divisate~~ patulous plane limb of corolla and the almost entire want of the ballate tufts of corolla-lobes. — glumis 2½-3 lin. diam.

Bourgeau (no number) Buena vista, Juniff. 9 Jun. 1855 (= Ht. Coson) on some low herbs, is the same plant, calyx divided to the middle, corolla-lobes ovato-triangular, not much tumid at the end.

Perrottet or Ploraine, Guinea, is the same thing but a little larger, with a transition from to C. Calycina, calyx divided to the middle, — lobes of corolla very little tumid.

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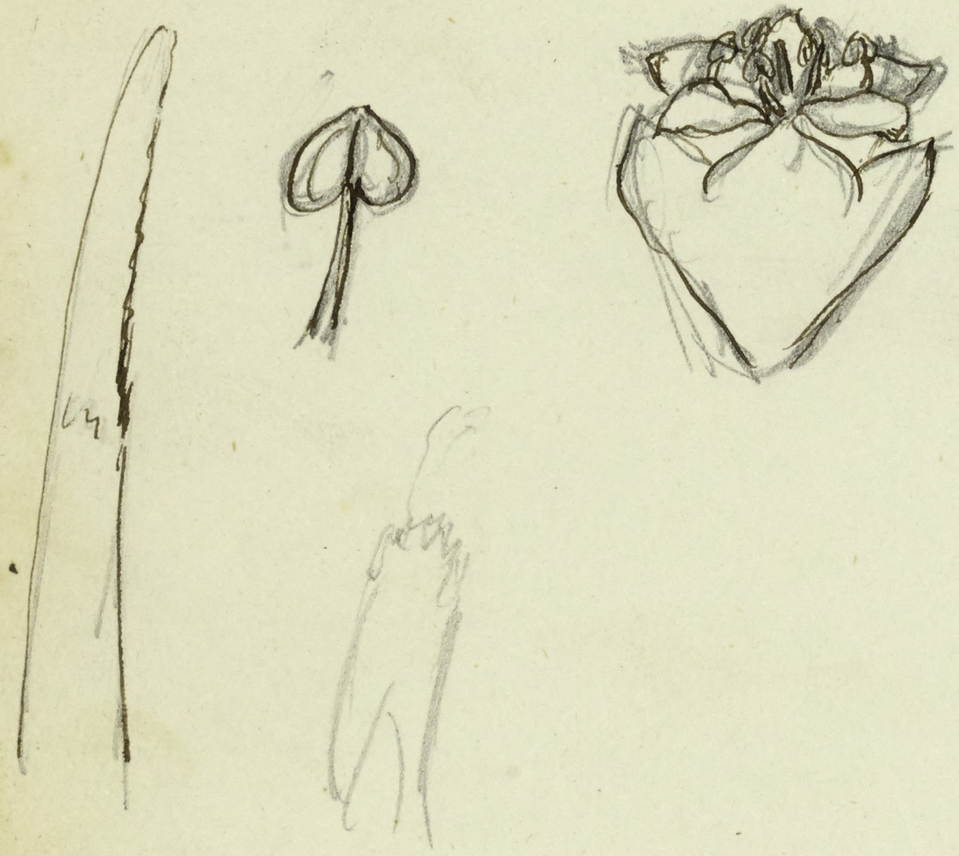
5044

planifolia

Paris June 1857



Cuscuta

Montpellier, Bentham
or Absinthia

Hb. Mus Paris

a very low plant, a few inches
high — apparently same as
C. Epithymum, or as the old
C. arvalis &c. — the true C. planiflora!
with transition to C. alba and
scales narrow lobes long as tube,
truncate

Cuscuta Reuteri, regio inferior, Sierra Nevada, Hisp. in Medicag
(Herb. Cosson 18) is the same plant.

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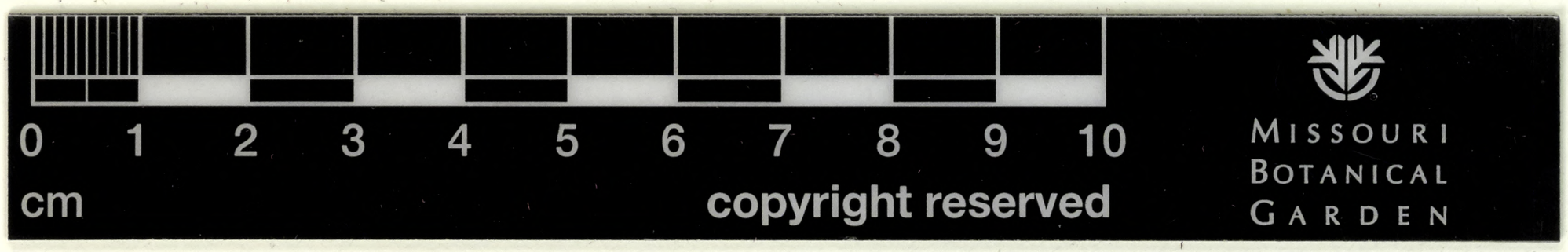

253 = 251

Paris June 1857

Cusonia planiflora

331. Bourgeau, Ronda, 16 July 1849 = hb. Conv & Hb Paris
I can not distinguish this from the other forms

Herb. Kunk = Hb. Berlin = Artemisia sinuata sub nom
C. Cynthy = is the same planiflora with very large and
with obtuse oblyx

1299 Cusonia major Bourgeau, Sierra Nevada, 1851 H P. & H C
is the true C. planiflora as I take it now. almost round
obtusish rarely truncate lobes of corolla
obtuse oval anthers

172. a. A Becker Wolga (after. Herb. Paris is the same plant
exactly!

Bourgeau, Alcala, near Madrid on Artemisia is again the same thing
but end of the petals a little more turnid — approaching
Therefore the bullata form H P. H C

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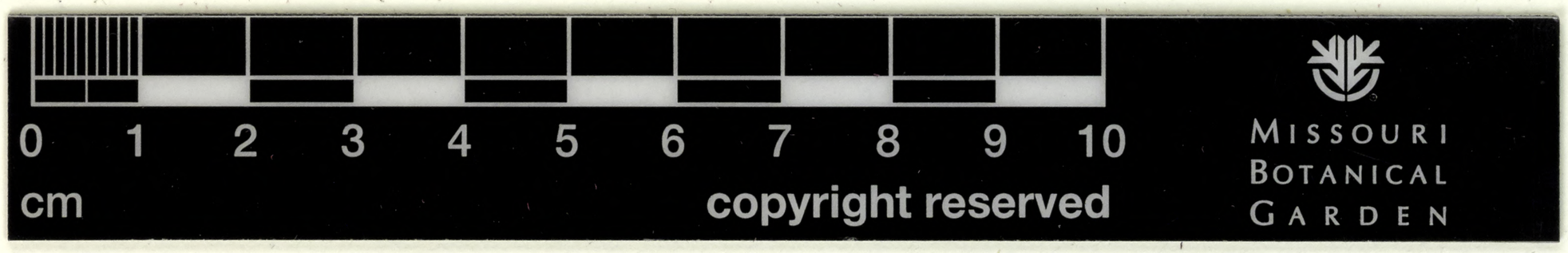

C. planiflora Paris July 1857

"Carruth. Epilinum"

Champs de lins au Fayoum, Egypte

L. Frolich 14 mars 1848

This a good sp. C. planiflora, alyce membranaceo, tubinato, ad medium fisso; lobis ovatis petalis apice vix incrassatis; stylis brevissimis.

It is certainly not Epilinum

Carruth Kotschy, Mesopotamia No 104 is the same thing, I guess; also the

Baluchistan Stocks 1851 No 789 Mr. Bentham

Also Belongs here;

4408

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275

planiflora ?

Pari July 1857

Cuscuta minor Choisy
= Scleria Lavandulifolia
Castilla, Batas
Redondo.
Wallkomm July 1850
246 (455)

Ht Gy & = Ht Comm

This is the only flower seen, most others are too young yet. It is the calyx of C. suberalis, & also the red stems but the scroll seems to belong to C. planiflora!

No 139 Blanco, Trajala, Hispaniae 1849 Exhibt Gy,
is a regular C. planiflora (or arvicolata!) calyx divided to or even a little below the middle, lobes thickened at apex

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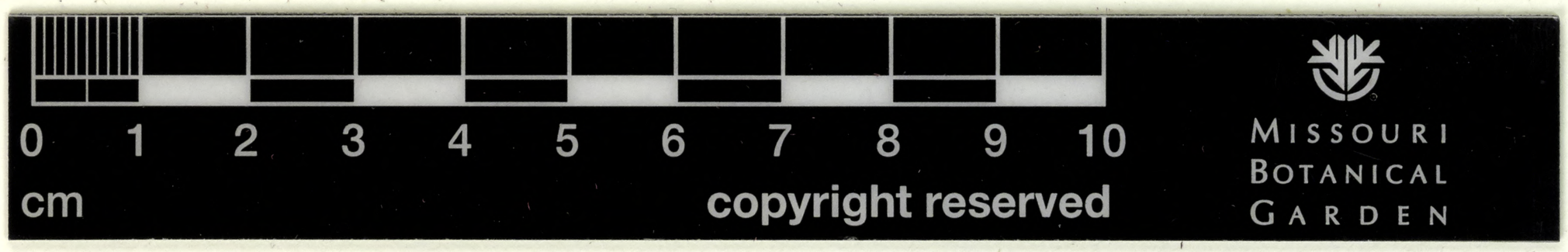

322

Kew Aug. 1857

Klaniflora
var?

789 Cavendish major
Beluchistan
Khozdar Sinde

Dr Stocks

46 Hook

magnis

Glomeris capitatis, floribus majusculis, calyce cupulato, attenuato tenui reflexo; laciniis ovato lanceolatis erectis tubo fere longioribus; antheris ovatis sagittis saepe bifidis, barbato multifidis, tubum aequantibus; stylis cum omnibus quantibus ovarium vix aequantibus.—

This is like a portion of C. planiflora,

best scales as well as principally styles different from bourbistylis it is quite distinguished.

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0144

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Diag. or. (II, 3 ?)

p. 127.

Sander says: C. alba can be easily distinguished by the very small flowers, blunt lobes of corolla, pubescent anthers

p. 128. C. Schizopiana affinis albae sed lobis calycis corollaque acutioribus antheris oblongis nec subrotundis D. Stuart

4411

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Cusp. p. 466

C. planiflora

β. Schizagiana

C. Schizagiana Boiss

(Enclosed 80-85)

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C. turgida

acutiflora

Schweinitz

Gleason expt

& Wiegand

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